

and second series of pulses (P0, P1) includes an isolating transformer means (T0,T1) to electrically isolate the lamp (4) from the power source.

5. (amended) An electronic circuit (1,3) as claimed in [any preceding] claim 1, in which the means (T0,T1,L3) for combining the first and second series of pulses (P0,P1) comprises a first transformer (T0) and a second transformer (T1), the primaries of each transformer receiving respectively the first and second series of pulses (P0,P1), each of the secondaries having a tap (TP30,TP31) which may be electrically connected to the contacts of the lamp (4) and each having another tap (TP40,TP41) electrically connected to the choke (L3) so that the choke combines the secondaries and the choke (L3) in series between the contacts.

8. An electronic circuit (1,3) for controlling a gas discharge lamp (4) as claimed in [any preceding] claim 1, comprising means (1) for shifting the phase of the first series of pulses relative to the second series of pulses, the (T0,T1,L3) for combining the first and second series of pulses (P0,P1) thereby varying the width of pulses in the pulse train.

10. (amended) An electronic circuit (1,3) for controlling a gas discharge lamp (4) as claimed in claim 8 [or claim 9], comprising light level control means for setting a desired intensity of light output from the lamp (4), the means (1) for shifting the

A3  
CMT  
phase of the first series of pulses (P0) relative to the second series of pulses (P1) responding to the light level control means so that the lamp (4) output may be set at a desired level as the width of the pulses is varied.

12. (amended) An electronic circuit (1,3) as claimed in [any preceding] claim 1, in which the pulse train comprises pulses of both positive and negative polarity.

13. (amended) A light fitting having contacts for a gas discharge lamp (4) and an electronic circuit (1,3) as claimed in [any preceding] claim 1.

REMARKS

In accordance with 37 C.F.R. 1.121, this preliminary amendment is submitted to eliminate multiple-dependencies in the claims of the present application, prior to calculation of the U.S. National Fee (35 USC § 1.492) and other fees for entry into the U.S. National Phase.

If there is any matter which could be expedited by consultation with the Applicants' attorney, such would be welcome. The Applicants' attorney can normally be reached at the telephone number below.